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Pullia, A.; Riboldi, S.;
Nuclear Science, IEEE Transactions on , Volume: 51 , Issue: 4 , Aug. 2004
Pages:1817 - 1823

[Abstract] [PDF Full-Text (304 KB)] **IEEE JNL**

2 Resonant response of a FET to an AC signal: influence of magnetic field, device length, and temperature

Kushwaha, M.S.; Vasilopoulos, P.;
Electron Devices, IEEE Transactions on , Volume: 51 , Issue: 5 , May 2004
Pages:803 - 813

[Abstract] [PDF Full-Text (688 KB)] **IEEE JNL**

3 Dynamic and low-frequency noise characterization of Si-Ge heterojunction-bipolar transistors at cryogenic temperatures

Arnaboldi, C.; Boella, G.; Pessina, G.;
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4 Room temperature, high-resolution X-ray spectroscopy with silicon chambers

Pinotti, E.; Longoni, A.; Gambelli, M.; Struder, L.; Lechner, P.; Zanthier, C.V.; Kraner, H.;
Nuclear Science, IEEE Transactions on , Volume: 42 , Issue: 1 , Feb. 1995
Pages:12 - 16

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) [IEEE JNL](#)

5 An improved low-background cooled FET assembly for germanium spectroscopy

Aalseth, C.E.; Arther, R.J.; Reeves, J.H.;
Nuclear Science Symposium, 1999. Conference Record. 1999 IEEE , Volume:
1 , 24-30 Oct. 1999
Pages:378 - 381 vol.1

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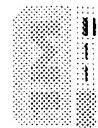
6 GaN solid state electron emitter

Akinwande, A.I.; Horning, R.D.; Goldenberg, B.L.; Ruden, P.P.; King, J.;
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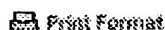
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1 X-ray detection characteristics of thallium bromide nuclear radiation detectors

Hitomi, K.; Muroi, O.; Matsumoto, M.; Hirabuki, R.; Shoji, T.; Hiratake, Y.;
Nuclear Science, IEEE Transactions on , Volume: 47 , Issue: 3 , June 2000
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[Abstract] [PDF Full-Text (152 KB)] IEEE JNL

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4 Room temperature, high-resolution X-ray spectroscopy with silicon chambers

Pinotti, E.; Longoni, A.; Gambelli, M.; Struder, L.; Lechner, P.; Zanthier, C.V.; Kraner, H.;
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5 A new temperature and X-ray mapping system for 700-MHz 5-cell superconducting cavities

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Matsumoto, M.; Hitomi, K.; Shoji, T.; Hiratake, Y.;

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[Abstract] [PDF Full-Text (248 KB)] IEEE CNF

10 Advances in the crystal growth and device fabrication technology of CdZnTe room temperature radiation detectors

Szeles, C.;

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[Abstract] [PDF Full-Text (472 KB)] IEEE JNL

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12 Comparative study of silicon detectors

Allier, C.P.; Valk, H.; Huizenga, J.; Bom, V.R.; Hollander, R.W.; Van Eijk, C.W Nuclear Science, IEEE Transactions on , Volume: 45 , Issue: 3 , June 1998 Pages:576 - 580

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13 Development of bulk GaAs room temperature radiation detectors

McGregor, D.S.; Knoll, G.F.; Eisen, Y.; Brake, R.; Nuclear Science, IEEE Transactions on , Volume: 39 , Issue: 5 , Oct 1992 Pages:1226 - 1236

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Cuna, A.; Saucedo, E.; Noguera, A.; Aguiar, I.; Rodriguez, M.; Fornaro, L.; Nuclear Science Symposium Conference Record, 2003 IEEE , Volume: 5 , 19-2 Oct. 2003 Pages:3425 - 3427 Vol.5

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15 Silicon radiation detectors

Rehak, P.; Nuclear Science Symposium Conference Record, 2003 IEEE , Volume: 5 , 19-2 Oct. 2003 Pages:3375 - 3379 Vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(983 KB\)\]](#) [IEEE CNF](#)

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Application #: 10081895 **Filing Dt:** 02/21/2002 **Patent #:** NONE **Issue Dt:**
PCT #: NONE **Publication #:** US20020131626 **Pub Dt:** 09/19/2002

Inventors: Gereon Vogtmeier, Francisco Morales Serrano, Stefan Schneider, Olaf Such

Title: Radiation sensor and radiation detector for a computed tomography apparatus

Assignment: 1

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